

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/627,753

DATE: 05/31/2001  
TIME: 11:03:04

Input Set : C:\PAOLA\09627753.txt  
Output Set: C:\CRF3\05312001\I627753.raw

SEQUENCE LISTING

1 (1) GENERAL INFORMATION:

2 (i) APPLICANT: Perkin-Elmer Corporation,  
3 Applied Biosystems Division

4 (ii) TITLE OF INVENTION: HYBRIDIZATION ASSAY USING SELF-QUENCHING  
5 FLUORESCENCE PROBE

6 (iii) NUMBER OF SEQUENCES: 14

7 (iv) CORRESPONDENCE ADDRESS:

8 (A) ADDRESSEE: David J. Weitz,  
9 Haynes & Davis

10 (B) STREET: 2180 Sand Hill Road, Suite 310

11 (C) CITY: Menlo Park

12 (D) STATE: California

13 (E) COUNTRY: USA

14 (F) ZIP: 94025-6935

15 (v) COMPUTER READABLE FORM:

16 (A) MEDIUM TYPE: 3.5 inch diskette

17 (B) COMPUTER: IBM compatible

18 (C) OPERATING SYSTEM: Microsoft Windows 3.1/DOS 5.0

19 (D) SOFTWARE: Wordperfect for windows 6.0,

20 ASCII (DOS) TEXT format

21 (vi) CURRENT APPLICATION DATA:

22 (A) APPLICATION NUMBER: US/09/627,753

C--> 23 (B) FILING DATE: 28-Jul-2000

24 (C) CLASSIFICATION:

25 (vii) PRIOR APPLICATION DATA:

26 (A) APPLICATION NUMBER: 09/436,454

27 (B) FILING DATE:

28 (viii) ATTORNEY/AGENT INFORMATION:

29 (A) NAME: David J. Weitz

30 (B) REGISTRATION NUMBER: 38,362

31 (C) REFERENCE/DOCKET NUMBER: PELM4264CIP2

32 (ix) TELECOMMUNICATION INFORMATION:

33 (A) TELEPHONE: (415) 233-0188

34 (B) TELEFAX: (415) 233-1129

35 (2) INFORMATION FOR SEQ ID NO: 1:

36 (i) SEQUENCE CHARACTERISTICS:

37 (A) LENGTH: 24 nucleotides

38 (B) TYPE: nucleic acid

39 (C) STRANDEDNESS: single

40 (D) TOPOLOGY: linear

41 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

42 ACCCACAGGA ACTGATCACC ACTC 24

44 (2) INFORMATION FOR SEQ ID NO: 2:

45 (i) SEQUENCE CHARACTERISTICS:

46 (A) LENGTH: 26 nucleotides

47 (B) TYPE: nucleic acid

ENTERED

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48 (C) STRANDEDNESS: single  
49 (D) TOPOLOGY: linear  
50 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
51 ATGTCGCGTT CCGGCTGACG TTCTGC 26  
53 (2) INFORMATION FOR SEQ ID NO: 3:  
54 (i) SEQUENCE CHARACTERISTICS:  
55 (A) LENGTH: 27 nucleotides  
56 (B) TYPE: nucleic acid  
57 (C) STRANDEDNESS: single  
58 (D) TOPOLOGY: linear  
59 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
60 TCGCATTACT GATCGTTGCC AACCAGT 27  
62 (2) INFORMATION FOR SEQ ID NO: 4  
63 (i) SEQUENCE CHARACTERISTICS:  
64 (A) LENGTH: 31 nucleotides  
65 (B) TYPE: nucleic acid  
66 (C) STRANDEDNESS: single  
67 (D) TOPOLOGY: linear  
68 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4  
69 GTACTGGTTG GCAACGATCA GTAATGCGAT G 31  
71 (2) INFORMATION FOR SEQ ID NO: 5  
72 (i) SEQUENCE CHARACTERISTICS:  
73 (A) LENGTH: 28 nucleotides  
74 (B) TYPE: nucleic acid  
75 (C) STRANDEDNESS: single  
76 (D) TOPOLOGY: linear  
77 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5  
78 CGGATTGCT GGTATCTATG ACAAGGAT 28  
80 (2) INFORMATION FOR SEQ ID NO: 6  
81 (i) SEQUENCE CHARACTERISTICS:  
82 (A) LENGTH: 31 nucleotides  
83 (B) TYPE: nucleic acid  
84 (C) STRANDEDNESS: single  
85 (D) TOPOLOGY: linear  
86 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6  
87 TTCATCCTTG TCATAGATAC CAGCAAATCC G 31  
89 (2) INFORMATION FOR SEQ ID NO: 7  
90 (i) SEQUENCE CHARACTERISTICS:  
91 (A) LENGTH: 25 nucleotides  
92 (B) TYPE: nucleic acid  
93 (C) STRANDEDNESS: single  
94 (D) TOPOLOGY: linear  
95 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7  
96 TCACCCACAC TGTGCCCATC TACGA 25  
98 (2) INFORMATION FOR SEQ ID NO: 8  
99 (i) SEQUENCE CHARACTERISTICS:  
100 (A) LENGTH: 25 nucleotides  
101 (B) TYPE: nucleic acid  
102 (C) STRANDEDNESS: single

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103 (D) TOPOLOGY: linear  
104 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8  
105 CAGCGGAACC GCTCATTGCC AATGG 25  
107 (2) INFORMATION FOR SEQ ID NO: 9  
108 (i) SEQUENCE CHARACTERISTICS:  
109 (A) LENGTH: 26 nucleotides  
110 (B) TYPE: nucleic acid  
111 (C) STRANDEDNESS: single  
112 (D) TOPOLOGY: linear  
113 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9  
114 ATGCCCTCCC CCATGCCATC CTGCGT 26  
116 (2) INFORMATION FOR SEQ ID NO: 10  
117 (i) SEQUENCE CHARACTERISTICS:  
118 (A) LENGTH: 30 nucleotides  
119 (B) TYPE: nucleic acid  
120 (C) STRANDEDNESS: single  
121 (D) TOPOLOGY: linear  
122 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10  
123 AGACGCAGGA TGGCATGGGG GAGGGCATA 30  
125 (2) INFORMATION FOR SEQ ID NO: 11  
126 (i) SEQUENCE CHARACTERISTICS:  
127 (A) LENGTH: 24 nucleotides  
128 (B) TYPE: nucleic acid  
129 (C) STRANDEDNESS: single  
130 (D) TOPOLOGY: linear  
131 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11  
132 CGCCCTGGAC TTCGAGCAAG AGAT 24  
134 (2) INFORMATION FOR SEQ ID NO: 12  
135 (i) SEQUENCE CHARACTERISTICS:  
136 (A) LENGTH: 28 nucleotides  
137 (B) TYPE: nucleic acid  
138 (C) STRANDEDNESS: single  
139 (D) TOPOLOGY: linear  
140 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12  
141 CCATCTCTTG CTCGAAGTCC AGGGCGAC 28  
143 (2) INFORMATION FOR SEQ ID NO: 13  
144 (i) SEQUENCE CHARACTERISTICS:  
145 (A) LENGTH: 21 nucleotides  
146 (B) TYPE: nucleic acid  
147 (C) STRANDEDNESS: single  
148 (D) TOPOLOGY: linear  
149 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13  
150 CAAGCTTCCC GTTCTCAGCC T 21  
152 (2) INFORMATION FOR SEQ ID NO: 14  
153 (i) SEQUENCE CHARACTERISTICS:  
154 (A) LENGTH: 30 nucleotides  
155 (B) TYPE: nucleic acid  
156 (C) STRANDEDNESS: single  
157 (D) TOPOLOGY: linear

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158 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14  
159 ACCGTCAAGG CTGAGAACGG GAAGCTTGTC

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VERIFICATION SUMMARY

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TIME: 11:03:05

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L:22 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:23 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]